

Atty. Docket No.: LYRN006US0
Customer ID No. 58,293

Amendments to the Specification:

Please replace the section entitled "CROSS-REFERENCE TO RELATED APPLICATIONS" with the following replacement section:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of the following U.S. Provisional Applications, all of which are hereby incorporated by reference, and the content of which are not necessarily identical to the content of this application:

COMMONLY OWNED AND PREVIOUSLY FILED U.S. PROVISIONAL PATENT APPLICATIONS			
Atty. Dkt. #	Serial Number	Title	Filing Date
501143.000005	60/288,015	Method and Apparatus for Shotgun Multiplication and Exponentiation	May 2, 2001
501143.000010	60/300,957	Method and Residue Calculation Using Casting Out	June 26, 2001
501143.000011	60/300,955	Add-Drop Layer 3 Ethernet Ring Switch	June 26, 2001
501431.000014	60/326,266	Application Specific Information Processing System	October 1, 2001
501143.000015	60/326,252	Efficient Use of DRAM-Based Devices For Small Discontiguous Memory Accesses	October 1, 2001
501143.000016	60/326,251	Exponentiation Engine	October 1, 2001
501143.000017	60/326,250	Method for Squaring	October 1, 2001

The current application shares some specification and figures with the following commonly owned and concurrently filed application, which is applications, all of which are hereby incorporated by reference:

Atty. Docket No.: LYRN006US0
Customer ID No. 58,293

COMMONLY OWNED AND CONCURRENTLY FILED U.S. NONPROVISIONAL PATENT APPLICATIONS			
Atty. Dkt. #	Serial Number	Title	Filing Date
501143.000021	10/078,253	Controller Architecture and Strategy For Small Discontiguous Accesses to High- Density Memory Devices	<u>February 16, 2002</u> Not Assigned

The current application is a continuation-in-part of ~~shares some specification and figures~~
~~with~~ the following commonly owned and previously filed applications, all of which are hereby
incorporated by reference, and the benefit of 35 U.S.C. § 120 is claimed for these applications:

COMMONLY OWNED AND PREVIOUSLY FILED U.S. NONPROVISIONAL PATENT APPLICATIONS			
Atty. Dkt. #	Serial Number	Title	Filing Date
501143.000008	<u>10/068,294</u> Not Assigned	Ring Arithmetic Method, System, and Apparatus	February 5, 2002
501143.000019	<u>10/068,295</u> Not Assigned	Application-Specific Information- Processing Method, System, and Apparatus	February 5, 2002

~~The benefit of 35 U.S.C. § 120 is claimed for all of the above referenced commonly~~
~~owned applications.~~ The contents of the applications referenced in the tables above are not
necessarily identical to the contents of this application.

All references cited hereafter are incorporated by reference to the maximum extent
allowable by law. To the extent a reference may not be fully incorporated herein, it is
incorporated by reference by background purposes and indicative of the knowledge of one of
ordinary skill in the art.